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**From:** Maraldo, Dean [Maraldo.Dean@epa.gov]  
**Sent:** 6/14/2018 1:55:46 PM  
**To:** Kuefler, Patrick [kuefler.patrick@epa.gov]  
**CC:** Bahr, Ryan [bahr.ryan@epa.gov]; Mikalian, Charles [mikalian.charles@epa.gov]; Burdett, Cheryl [burdett.cheryl@epa.gov]  
**Subject:** Re: CSD UNL/Hach Nitrate-N Maps  
**Attachments:** Juneau GW N Draft Data Summary.xlsx

Pat: here's the summary table as discussed. It includes our field Hach test strip Nitrate results and University of Nebraska Nitrate-N results. The table includes coordinates and sample IDs along with street name (no addresses). The table does not include any private well data or information. Let me know if this looks ok or want anything changes.

## Ex. 5 AC/AWP

Thanks,  
Dean

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Dean Maraldo  
Water Enforcement & Compliance Assurance Branch  
U.S. EPA - Region 5  
77 West Jackson Blvd. (WC-15J)  
Chicago, Illinois 60604  
ph: (312) 353-2098  
fax: (312) 385-5394  
e-mail: [maraldo.dean@epa.gov](mailto:maraldo.dean@epa.gov)  
<http://www.epa.gov/enforcement/>

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**From:** Holst, Linda  
**Sent:** Thursday, June 14, 2018 7:17 AM  
**To:** Kuefler, Patrick  
**Cc:** Klassman, Debra; Poy, Thomas; Maraldo, Dean  
**Subject:** Re: CSD UNL/Hach Nitrate-N Maps

Do we have the data in a table that you feel comfortable sharing with WDNR along with the maps? Is this something we can share now or do you recommend we wait until the other data are in?

On Jun 14, 2018, at 7:11 AM, Kuefler, Patrick <[kuefler.patrick@epa.gov](mailto:kuefler.patrick@epa.gov)> wrote:

FYI

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**From:** Maraldo, Dean  
**Sent:** Wednesday, June 13, 2018 9:15 PM

**To:** Mikalian, Charles <mikalian.charles@epa.gov>; Burdett, Cheryl <burdett.cheryl@epa.gov>; Bahr, Ryan <bahr.ryan@epa.gov>; Kuefler, Patrick <kuefler.patrick@epa.gov>  
**Cc:** Wilson, Jennifer <wilson.jenniferA@epa.gov>; Atkinson, Benjamin <atkinson.ben@epa.gov>; Rogers, Joan <rogers.joan@epa.gov>; Hodaj, Andi <hodaj.andi@epa.gov>  
**Subject:** CSD UNL/Hach Nitrate-N Maps

All: here are the maps for shallow and deep Nitrate-N based on University of Nebraska lab results. Also attaching the Hach Field Nitrate results for shallow and deep samples. If you compare the two data sets you will see that the field strips performed very well, 0.8 correlation coefficient.

<UNL\_N-N\_deep\_Map.pdf>

<UNL\_N-N\_shallow\_Map.pdf>

<EPA Hach\_deep\_Map.pdf>

<EPA Hach\_shallow\_Map.pdf>